



भारत का राजपत्र The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

10/12/98

सं० 31] नई दिल्ली, शनिवार, अगस्त 1, 1998 (श्रावण 10, 1920)
No. 31] NEW DELHI, SATURDAY, AUGUST 1, 1998 (SRAVANA 10, 1920)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएँ और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 1st August 1998

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11th Floor, Rajaji Bhavan, Besant Nagar,
Chennai-600 090.

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and Aminidivi Islands.

Telegraphic address "PATENTOFIS".

Ph. No. 490 1495 Fax No. 044-4901492

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O.
Building, 5th, 6th and 7th
Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

Ph. No. 247 4401 Fax 033-2473851

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate offices of the Patent Office.

Fees.—The fees may either be paid in cash or may be sent by bank draft or cheque payable to the Controller of Patents drawn on a scheduled bank at the place where the appropriate office is situated.

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कलकत्ता, दिनांक 1 अगस्त 1998

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रावर्तक क्षेत्राधिकार ज्ञान के आधार पर निम्न रूप में वर्णित हैं :—

पेटेंट कार्यालय शाखा, टोन्डी इस्टेट,
तीसरा तल, लॉकर बिल्डिंग (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं मध्य
शांति क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

तार पता - "पेटेंटोफिस"

फोन 4925092 फैक्स : 0224950622

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नवम्बरपाकि बंगला भवन,
सरस्वती मार्ग, कोरल बाग,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्र एवं मध्य शांति क्षेत्र खडगपुर ।

तार पता - "पेटेंटोफिस"

फोन : 578 2532 फैक्स : 011-5766204

पेटेंट कार्यालय शाखा,

विंग "सी" (सी-4, ए),

तीसरा तल, राजाजी भवन,

बंगलूर नगर, फ़ोन-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिटीद्वी द्वीप ।

तार पता - "पेटेंटोफिस"

फोन : 490 1495 फैक्स : 044-4901492

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बह्मनीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अद्वैत क्षेत्र ।

तार पता - "पेटेंटोफिस"

फोन : 247 4401 फैक्स : 033-2473851

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में
अर्पित सभी आवेदन-पत्र, सूचनाएं विवरण या अन्य प्रलेख पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे।

शुल्क : शुल्कों की अवधि या हो नकद की जाएगी अथवा
नहीं उपयुक्त कार्यालय अवस्थित है, उस स्थान
के अनुसूचित बैंक से नियंत्रक के भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

SPECIAL NOTICE

The qualifying examination as prescribed under clause (c) (ii) of sub-section (1) of Section 126 of the Patents Act, 1970 read with Rule 95 of the Patents Rules, 1972 will be held at the Patent Office, Calcutta and its branch offices at Mumbai, Chennai and New Delhi on Thursday, the 5th November, 1998 and Friday, the 6th November, 1998.

The Schedule of the qualifying examination (written) will be held as follows :

5th November, 1998

Paper-I : Patents Acts & Rules
(11.00 a.m. to 1.30 p.m.)

Paper-II : Definition and interpretation of Patent
Specification and other documents.
(2.30 p.m. to 5.00 p.m.)

The VIVA VOCE Examination will be held on Friday, the 6th November, 1998 at 11.00 a.m.

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under section 135, under Patent Act, 1970.

08-06-1998

1002/Cal/98. Bijay Kumar Gutgutia, "Gold star light density material shredder".

1003/Cal/98. Bijay Kumar Gutgutia, "Process flow for manufacturing gold star complete feeds for ruminants utilising agricultural residues forest produce and industrial by products and Gold Star balanced feeds for poultry and other live-stock".

1004/Cal/98. Bijay Kumar Gutgutia, "Gold star complete feed block unit".

1005/Cal/98 Philips Electronics N.V., "Method and device for recording information on a carrier" (Convention No. 97201869.1 on 19-06-97 in Europe).

- 1006/Cal/98. Philips Electronics N.V., "Housing for disc-shaped information carrier" (Convention No. 97201747.9 on 10-6-97 in Europe).
- 1007/Cal/98. Glazo Group Limited, "Dispenser" (Convention No. 9711889.7 on 10-6-97 & 9721875.4 on 16-10-97 in United Kingdom).
- 1008/Cal/98. Hubbell Incorporated, "End terminals for modular electrical assemblies with pressure relief" (Convention No. 08/902,633 on 29-7-97 in U.S.A.).
- 1009/Cal/98. Samsung Electronics Co. Ltd., "Scalable audio encoding/decoding apparatus" (Convention No. 97-61606 on 20-11-97 in Republic of Korea).
- 1010/Cal/98. Sanyo Electric Co. Ltd., "Air conditioning system" (Convention No. 9-151220 on 9-6-97 & 9-316842 on 18-11-97 in Japan).
- 1011/Cal/98. Rakesh Goel, "Electronic compass".
- 1012/Cal/98. Hitachi, Ltd., "Passenger transportation Facilities".
- 1013/Cal/98. Clariant GMBH, "Detergents and cleaners" (Convention No. 19725508.6 on 17-6-97 in Germany).
- 1014/Cal/98. Siemens Aktiengesellschaft, "Source controlled channel decoding by use of intraframe correlation" (Convention No. 19725131.5 on 13-6-97 in Germany).
- 1015/Cal/98. Philips Petroleum Company, "Process for polymerizing ethylene and heterogeneous catalyst system" (Convention No. 08/873 362 on 12-6-97 in U.S.A.).

09-06-1998

- 1016/Cal/98. FMR Corp, "Managing an information retrieval problem" (Convention No. 08/870 814 on 6-6-97 in U.S.A.).
- 1017/Cal/98. Dr. Subodh Kumar Mukherjee, "Twin Screw extruder".
- 1018/Cal/98. Newcreation Co. Ltd., "Surface examining apparatus".
- 1019/Cal/98. Glazo Group Limited, and The Regents of the University of Michigan, "Benzimidazole derivatives" (Convention No. 9711982.0 on 10-6-97 & 9714552.8 on 11-7-97 in United Kingdom).
- 1020/Cal/98. Harris Corporation, "Digital signal processor-Based telephone test set" (Convention No. 08/885, 372 on 30-6-97 in U.S.).
- 1021/Cal/98. Phillips Petroleum Company, "Hydrocarbon conversion process" (Convention No. 08/899219 on 23-7-97 in U.S.A.).
- 1022/Cal/98. Owens Corning, "Nonaqueous sizing system for glass fibers and injection moldable polymers" (Convention No. 08/885, 882 on 30-6-97 in U.S.A.).
- 1023/Cal/98. SKW Trostberg Aktiengesellschaft, "A method of producing calcium pyruvates" (Convention No. 19729786.2 on 11-7-97 & 08/955, 838 on 21-10-97 in Germany & U.S.A.).
- 1024/Cal/98. 1. Zinser Textilmaschinen GMBH, 2. Ernst Holz Fabrik Fur Textilmaschinenzubehol, "Flyer wing" (Convention No. 19727799.3 on 30-6-97 in Germany).
- 1025/Cal/98. General Electric Company and Zelinsky Institute of Organic Chemistry, "Preparation of phenol and its derivatives" (Convention No. 09/078253 on 13-5-98 in U.S.A.).
- 1026/Cal/98. Koei Chemical Co. Ltd., "Process for the preparation of 2, 3, 5-collidine and 2-ethyl-5-methylpyridine" (Convention No. 176349/1997 on 16-6-97 in Japan).

10-06-1998

- 1027/Cal/98. 1. Awadhesh Prasad Singh 2. Steel Authority of India Ltd., "An improved device for heat insulation of ladle cover and a method of constructing the same".
- 1028/Cal/98. Siemens Aktiengesellschaft, "Apparatus for the control of level crossings" (Convention No. 19725320.2 on 10-6-97 in Germany).
- 1029/Cal/98. Siemens Aktiengesellschaft, Method for determining small capacitances and sensor designed therewith" (Convention No. 19733865.8 on 5-8-97 in Germany).
- 1030/Cal/98. Johnson & Johnson Medical, Inc., "Method of sterilization using pretreatment with hydrogen peroxide" (Convention No. 08/628965 on 4-4-96 in U.S.A.).
- 1031/Cal/98. Cyte C Technology Corp., "Method for purifying sugar solutions using hydrolyzed polycrylamides" (Convention No. 08/874 427 on 13-6-97 in U.S.A.).
- 1032/Cal/98. Solpo Co. Ltd., "Compact rapid chilling system and method for reserving cold".
- 1033/Cal/98. Beloit Technologies, Inc. "Improved displacement batch digester cooking system" (Convention No. 872, 711 on 11-6-97 in U.S.A.).
- 1034/Cal/98. Sanyo Electric Co. Ltd., "Hydrogen discharger and apparatus comprising the same" (Convention No. 10-117018 on 27-4-98 in Japan).

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta or the appropriate Branch Office on payment of the prescribed copying charges which may be ascertained on application to that office. Photo copying charges may be calculated by adding the number of pages in the specification and drawing sheets mentioned below against each accepted specification and multiplying the same by two to get the charges as the copying charges per page are Rs. 2/-.

स्वीकृत सम्पूर्ण विनिर्देश

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनादान के विरोध करने के इच्छुक व्यक्ति, इसके निर्देश की तिथि से चार (4) महीने या अधिक, इसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व

पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एवं महीने की अवधि से अधिक न हो, के भीतर यानी भी नियंत्रक, एक्स्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरंभों) को फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र व्यवहार द्वारा अनिवार्य करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरंभ कागजों को जोड़कर उसे 2 से गुणा करके, (अर्थात् प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CL : 107 H

181631

Int. Cl. : F 02 D 41/40

ELECTRONIC FUEL INJECTION SYSTEM FOR LARGE COMPRESSION IGNITION ENGINE.

Applicant : GENERAL ELECTRIC COMPANY, OF 1 RIVER ROAD, SCHENECTADY 12345 STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventors :

1. ROBERT DOUGLAS CRYER
2. BENJAMIN EARL BULKLEY
3. DALE EUGENE LAPANTE
4. JAMES MARTI NANDERTON ASKEW
5. ALAN GRANVILLE JONES
6. CHARLES EARL COOPER
7. ANDREW JOHN LILLEY
8. GOULIELMOS VRANAS
9. RICHARD TIMOTHY GUNNER
10. ROBERT MICHAEL HOOPER
11. ROBERT JOHN GLIBBERY.

Application No. 524/Cal/1993 filed on 8th September, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

7 Claims

An electronic fuel injection system (58) for a compression ignition engine (10) having a per cylinder displacement volume of at least 5.5 litres, the system comprising :

individual fuel delivery means (30) for each corresponding cylinder (28), said fuel delivery means (30) having a constant displacement fuel chamber (94);

signal generating means (70) for generating a timing signal (ST) and a cylinder index signal (SI);

controller (64), responsive to said timing signal (ST) and said cylinder index signal (SI), for electronically controlling said individual fuel delivery means (30) and for generating an overload indication signal;

load control means (66) for outputting a signal corresponding to one of a plurality of selected engine speed levels and responsive to activate and/or deactivate a controllable load in response to said overload indication signal;

said individual fuel delivery means (30) further having electronically actuated valve means (52), responsive to a fuel control output signal, for providing fuel to a corresponding fuel injecting means (42);

such that said control (64) generates said overload indication signal by comparing an actual speed determined from said timing signal (ST) to a desired speed determined by said electronic control (64).

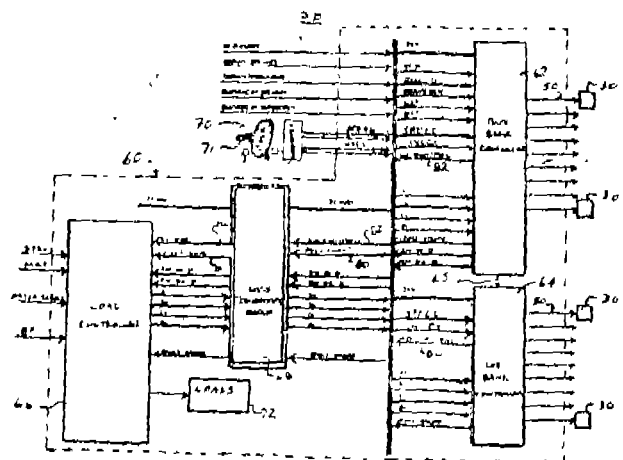


FIG 3

(Compl. Specn. : 27 Pages;

Drgns. : 4 Sheets)

CL : 125 B

181632

Int. Cl. : B 67 D 5/04

F 16 K 21/00

FUEL DISPENSING HOSE.

Applicant : SABER EQUIPMENT CORPORATION, OF 111 RESEARCH DRIVE, STRATFORD, CONNECTICUT 06497 UNITED STATES OF AMERICA.

Inventors :

1. W. DWAIN SIMPSON
2. JAMES H. PYLE
3. GEOFFREY WILCOX.

Application No. 755/Cal/1993 filed on 3rd December, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

24 Claims

A fuel dispensing hose (102) for communication between a fuel dispenser having an input/output port (12) and an electronic fuel dispensing nozzle assembly (104), said hose comprising :

a first passage way (18) in the hose for carrying fuel in a first direction;

a second passage way (11) in the hose for carrying fuel vapor in a second opposite direction; and

electrical signal carrying means (206) such electrically conductive wires or optical fibres, for carrying electrical signals between said dispenser and said nozzle assembly;

said electrical signal carrying means (206) being disposed in one of said first and second passage ways.

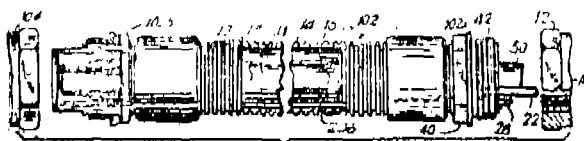


FIG. 3

(Compl. Specn. : 19 Pages;

Drgns. : 6 Sheets)

Cl. : 34 A

181633

Int. Cl. : D 01 F 6/46

A PROCESS FOR PREPARING POLY (M-PHENYLENE ISOPHTHALAMIDE) FILAMENTS.

Applicant : E. I. DU PONT DE NEMOURS AND COMPANY, OF WILMINGTON, DELAWARE, UNITED STATES OF AMERICA.

Inventors :

1. RICHARD ARTHUR PEASE
2. DAVID JOSEPH RODINI.

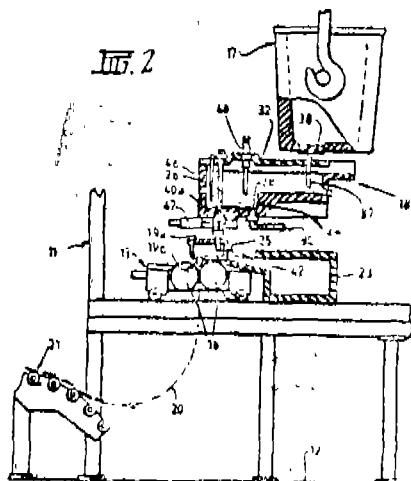
Application No. 205/Cal/1994 filed on 28th March, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

4 Claims

A process for preparing poly (m-phenylene isophthalamide) filaments comprising :

- (a) reacting in a known manner m-phenylene diamine with isophthaloyl chloride in an amide solvent such as herein described to produce poly (m-phenylene isophthalamide) in an HCl-containing amide solution;
- (b) passing the polymer solution through a bed of ion exchange resin such as herein described in base form to remove HCl and collecting an amide solution of the polymer as effluent;
- (c) evaporating amide solvent from the effluent as necessary to attain viscosity and concentration of the solution for spinning; and
- (d) spinning the solution to form filaments.



(Compl. Specn. : 8 Pages;

Drgns. : Nil)

Cl. : 33 A

181634

Int. Cl. : B 22 D 11/00

METHOD AND APPARATUS FOR CASTING METAL STRIP.

Applicant : ISHIKAWAJIMA-HARIMA HEAVY INDUSTRIES COMPANY LIMITED, OF 2-1 OHTEMACHI 2-CHOME CHIYODA-KU, TOKYO JAPAN. AND BHP STEEL (JLA) PTY LTD, OF 1, CASTLEREAGH STREET SYDNEY, NEW SOUTH WALES 2000 AUSTRALIA.

Inventors :

1. DR. HISHAHIKO FUKASE
2. WILLIAM JOHN FOLDER
4. WALTER BLEJDE.

Application No. 287/Cal/1994 filed on 20th April 1994.

(Convention No. PL9060 on 27-5-93 in Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972) Patent Office Calcutta.

25 Claims

A method of casting metal strip comprising :

initiating casting by introducing, through a delivery nozzle, a first batch of molten metal having a first temperature into a nip formed between a contrarotating pair of casting rollers to form a casting pool having a casting pool temperature,

casting a strip of metal by passing a first portion of the first batch of molten metal between the casting rollers,

adding to the casting pool, through the delivery nozzle, a second batch of molten metal having a second temperature, wherein the second batch of molten metal and the first batch of molten metal are substantially the same molten metal, and wherein the second temperature is less than the first temperature, and

continuing the casting step using a remaining portion of the first batch of molten metal and the second batch of molten metal to produce a continuous casting strip, wherein the first temperature is at least 50°C greater than the second temperature and the second temperature is such as to reduce the casting pool temperature to less than 50°C above the liquidus temperature of the molten metal.

(Compl. Specn. : 21 Pages

Drgns. : 3 Sheets)

Cl. : 25 A

181635

Int. Cl. : E 04 C 1/00

C 04 B 41/50, 41/86

A PROCESS FOR PREPARING PARTIALLY GLAZED BRICKS AND STRUCTURES MADE THEREWITH.

Applicant & Inventor : DR. BAIDYANATH SAMADDAR, OF 323/1, BELILIOUS ROAD, HOWRAH-711 101, WEST BENGAL, INDIA.

Application No. 302/Cal/1994 filed on 27th April, 1994.

(Complete specification left after provisional on 18-04-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office Calcutta.

9 Claims

A process for preparing partially glazed bricks with glazing on one or more surfaces thereof and structures made therewith, which comprises applying at least one conventional glazing to bricks onto one or more surfaces followed by drying firing and curing and setting the said partially glazed bricks in erecting walls in such a manner that the glazed surfaces face exterior and/or interior surfaces, thereby obviating the need to plastering and painting.

(Compl. Specn. : 9 Pages;

Drgns. : Nil)

Ind. Cl. : 32 F 3

181636

Int. Cl. : B 01 J 23/44

C 07 C 67/05, 59/01.

A PROCESS FOR PRODUCING A SURFACE IMPREGNATED CATALYST.

Applicant : HOECHST AKTIENGESELLSCHAFT, OF D-65926 FRANKFURT AM MAIN, CHEMICAL MANUFACTURERS, FEDERAL REPUBLIC OF GERMANY.

Inventors : ROLAND ABEL, KARL-FRED WORNER.

Application No. 523/Cal/1994 filed on 4-7-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

11 Claims

A process for producing a surface impregnated catalyst comprising palladium, potassium and a third metal selected from cadmium and barium on porous support particles, while mixing intimately, once or a plurality of times with at least one solution of at least one salt of each of the three elements and drying the support particles immediately after each impregnation, with the dynamic viscosity of the solution is from 0.005 to 0.009 pas at a temperature range of 5 to 80°C and the solution, volume in each impregnation being from 5 to 80% of the pore volume of the support particles.

Compl. Specn. :

Drgns :

Ind. Cl. : 40 B

181637

Int. Cl. : B 01 J 29/08, 29/28,

C 10 G 11/02, 47/16.

AN IMPROVED PROCESS FOR PREPARING ZEOLITE BASED FLUID CATALYTIC CRACKING CATALYST FOR MAXIMISING GASOLINE AND LPG YIELDS.

Applicant : PROJECTS & DEVELOPMENT INDIA LIMITED, OF P.O. SINDRI, DHANBAD BIHAR, PIN-828 122.

Inventors :

1. P. K. MUKHERJEE,
2. A. R. K. SARMA,
3. J. S. BARIAR,
4. A. K. BANERJEE,
5. N. SINGH,
6. D. S. CHHABRA,
7. S. R. Naidu,
8. D. K. MUKHERJEE.

Application No. : 673/Cal/1994 filed on 22-08-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

13 Claims

A process for preparing zeolite based fluid catalytic cracking catalyst for maximising gasoline and LPG yields comprising following steps :

i. 3-4 kgs. of pre-treated kuolinite such as herein described and 3-5 ltrs. of demineralised water are added to a reaction vessel containing a solution of 13-15 kgs. of sodium silicate such as herein described in 15-17 kgs. water and the mixture is agitated to get a homogeneous slurry ;

ii. a solution of 3-3.5 kgs sulphuric acid in 6-7 kgs. of water is added slowly to the slurry of step (i) to bring down the pH of the mixture to about 1.0-2.5, then diluted ammonia is added to bring the pH to 6-8 whereupon, silica hydrogel-clay matrix is formed which is aged for 10-30 mins. at a temperature of 35-50°C to develop the required pore volume and pore size distribution ;

iii. solutions of 3-4 kgs. aluminium sulphate such as herein described in 9-12 ltrs. of water and 1-2 kgs. sodium aluminate such as herein described in 4-6 kgs. water are added simultaneously to said silica hydrogel-clay matrix over a period of 20-40 mins. and to this reaction mixture is first added sulphuric acid (95% H₂SO₄) to adjust pH to 3-5 and is then added ammonia solution to finally adjust the pH to 5-8.

iv. filtering under vacuum the reaction mixture obtained in step (iii) and with the filtered cake so obtained, water is mixed and is thoroughly agitated to get a homogeneous slurry to which are added 1-2 kgs. of rare earth exchanged Y-zeolite and 0.2-0.4 kgs. HZSM-5 zeolite and thoroughly mixed and the slurry thus obtained is spray dried to get a micro-spheroidal product of uniform size;

v. said micro-spheroidal product is then washed with 10-15% of an ammonium salt solution such as herein described and ammonia solution (pH 8-10) whereby soluble salts are removed and sodium cations in the amorphous silica-alumina are exchanged with ammonium ions and then the resultant product is washed and is dried at a temperature of 180'-250°C to get the desired catalyst.

Compl. Specn. :

Drgns :

Ind. Cl. : 32 (e)

181638

Int. Cl. : C 07 C 01/02.

A PROCESS FOR THE PREPARATION OF A PROTECTED AMINOTHIAZOLYLACETIC ACID DERIVATIVE.

Applicant : EISAI CHEMICAL CO, LTD., OF 22 OAZA SUNAYAMA, HASAKI - MACHI, KASHIMA - GUN, IBARAKI PREFECTURE, JAPAN.

Inventors :

1. YOSHIU URAWA,
2. AKIHIKO SHIMOTANI,
3. TAKEO KANAI,
4. MASAHIKO TSUJII.

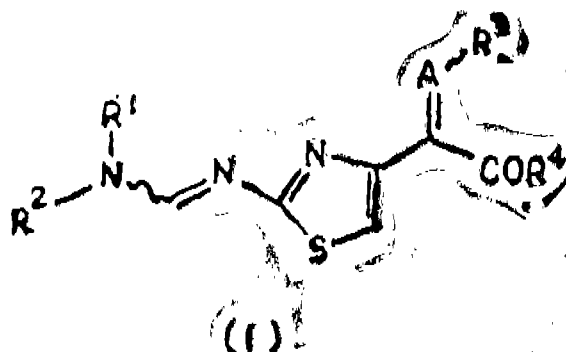
Application No. : 1404/Cal/1995 filed on 16th November, 1995.

(Divided out of No. 353/Cal/95 antdated to 29-03-1995).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

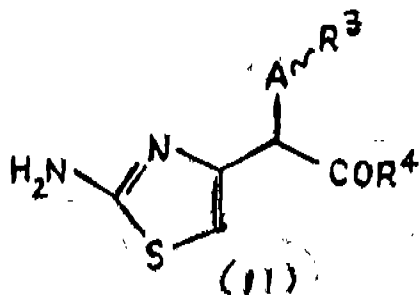
Claims 2

A process for the preparation of a protected aminothiazolylacetic acid derivative represented by the following formula (I) :

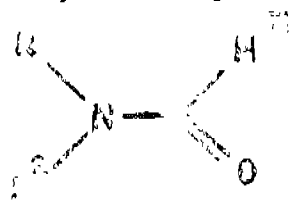


wherein A represents a nitrogen atom or a methine group, R¹ and R² may be the same or different and individually represent a hydrogen atom a lower alkyl group or a substituted or unsubstituted aryl group R³ represents a lower alkoxy group, a halogenated lower alkoxy group, a triphenylmethoxy

group, a lower alkyl group or an acyloxy group, and R^4 represents a halogen atom, a hydroxy group, a lower alkoxy group or a substituted or unsubstituted amino group; or a salt thereof, which comprises reacting in the manner such as herein described an aminothiazolylacetic acid derivative represented by the following formula (II) :



wherein A, R^3 and R^4 have the same meanings as defined above, or a salt thereof in a liquid mixture of a formamide derivative represented by the following formula (III) :



wherein R^1 and R^2 have the same meanings as defined above and a chlorinating agent selected from phosphorous oxychloride, phosgene, diphosgene, triphosgene or oxalyl chloride.

(Compl. Specns. : 25 pages;

Drgns. : Nil)

Ind. Cl. : 179 E
Int. Cl. : B 65 D 41/34.

181639

CLOSURE SUITABLE FOR MOUNTING ONTO A CONTAINER.

Applicant : PRECISION VALVE AUSTRALIA PTY LTD., OF 85 WILLIAMSON ROAD, INGLEBURN, NEW SOUTH WALES, 2565 AUSTRALIA AND RODNEY MALCOLM DRUITT, OF DIGBY COTTAGE, NORTH LUFFENHAM HALL, NORTH LUFFENHAM, RUTLAND LE1 58 JR, UNITED KINGDOM.

Inventors : CHARLES MARTIN TANSEY, RODNEY MALCOLM, DRUITT.

Application No. : 630/Cal/1996 filed on 8th April, 1996.

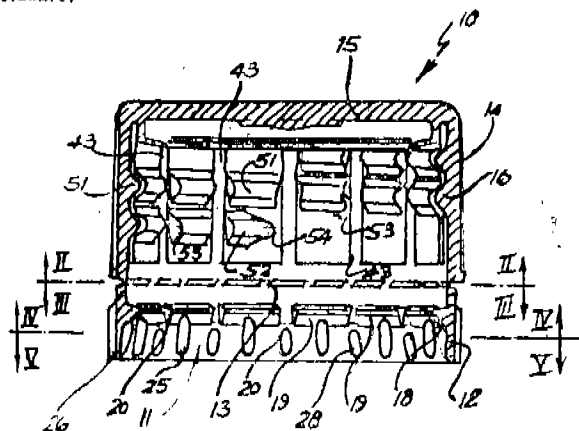
(Divided out of No. 405/Cal/93 antedated to 15th July, 1993).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

15 Claims

A closure (10) suitable for mounting onto a container having closure retention means on the neck of the container the closure comprising a top portion and a skirt portion depending from the underside of the top portion, which skirt portion has closure retention means complementary to the closure retention means on the container, a band portion joined to the free edge of the skirt through a plurality of frangible bridges, the band portion comprising a generally cylindrical body portion and a rib (18) extending inwardly of the body portion and adapted to provide a lip to engage under a retaining flange extending outwardly from the neck of the container below the closure retention means thereon, the rib having an upper side (21) directed towards the top portion (15) of the closure and an under side (22) directed away from the top portion, characterised in that the upper side (21) of the rib (18) has a radially outer frusto-conical surface (23) contiguous with the body portion of the band (11), and a

radially inner annular surface (24) the inner annular surface (24) lying in a plane normal to a longitudinal axis of the closure (10) while the frusto-conical surface (23) being inclined inwardly and downwardly away from the top portion (15), and the said under side (22) extends radially inward from the inner terminus of the surface of the upper side (21) and has a slope angle substantially normal to the skirt portion (16) of the closure.



Compl. Specn. : 26 pages;

Drgns : 8 Sheets

Ind. Cl. : 83 A

181640

Int. Cl. : 1721

PROCESS FOR THE MANUFACTURE OF A FOOD PRODUCT COMPRISING A WAFER FILLED WITH FOOD CORE.

Applicant : HINDUSTAN LEVER LIMITED, OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION MUMBAI-400 020.

Inventors : DONALD REGINALD BIGGS, GERLOF LOUWRENS MAARTEN VAN HOEK JOHANNES KRIEG.

Application No. : 1498/Cal/96 filed on 22nd August, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972), Patent Office, Calcutta.

7 Claims

A process for the manufacture of a food product comprising a wafer filled with a food core, such as herein described said process including the steps of :

- i. shaping the food core;
- ii. heating at least part of the wafer in order to provide sufficient plastic properties to the wafer to shape; and
- iii. shaping the wafer around the pre-shaped food core, the food core acting as a former, optionally a barrier coating is either pre-applied to the wafer prior to step (ii) or applied to the shaped food core after step (i).

Compl. Specn :

Drgns :

AMENDMENT PROCEEDINGS UNDER SECTION 57

Notice is hereby given that LIFISONIC LIMITED, a company organised and existing under the laws of united Kingdom, of Oak Lodge, 275 Ongar Road, Chelmsford, Essex CM1 3ST, United Kingdom, have made an application under Section 57 of the Patents Act, 1970 for amendment of specification of their application for Patent No. 174141 for "A security system".

The amendments are by way of omit of assignees name i.e. DAVID JOHN STEPHEN.

The application for amendment and the proposed amendments can be inspected free of charge at Patent Office, 234/4 Acharva Jagadish Bose Road, Calcutta-700020 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed Form 30 within three months from the date of this notification at the Patent Office, 234/4, Acharva Jagadish Bose Road, Calcutta-700020. If the Written Statement of opposition is not filed with the Notice of Opposition it shall be left within one month from the date of filing the said notice.

Notice is hereby given that M/s. Mauser-Werke GmbH of Solldgesser 71-163, 50321 Bruhl, Germany, German Company has made application under Section 57 of the Patents Act, 1970 for amendment of address for service in India in respect of Patent Application No. 177867 (443/BOM/93) for "A Plastic drum lid for a liquid tight lidded plastic drum." "The application for amendments and proposed amendment can be inspected free of charge at the Patent Office Branch, Toddi Estate, IIIrd Floor, Sun Mill Compound Lower Parel (West) Mumbai-400013, on any working day during the usual office hours or copies of the same can be had on payment of usual copying charges. Any person interested in opposing the application may file the notice of opposition on the prescribed Form-30 alongwith full written statement within three months from the date of this notification to the Patent Office Branch, Mumbai.

If full written statement of opposition is not filed with the notice of opposition it should be left within one month from the date of filling the said notice of opposition.

OPPOSITION PROCEEDINGS

An opposition has been entered by M/s. Lohia Starlinger Ltd., New Delhi-29 on Patent Application No. 179420 (435/Mas/91) made by M/s. Palitex Project Company GmbH, Germany.

RESTORATION PROCEEDINGS

Notice is hereby given that an application for restoration of Patent No. 176528 dated the 3rd Nov., 1989 made by Nuchem Plastics Ltd. on the 6th June, 1997 and notified in the Gazette of India, Part III, Section 2, dated the 27-9-1997 has been allowed and the said Patent restored.

THE DESIGNS ACT, 1911

Section - 63

DESIGN ASSIGNMENT

The following Design stand in the name of Tetra Laval Holdings & Finance S.A. has been Assigned in Register of Design in the name of ALFA LAVAL AGRI AB.

Design No., Class & Name

171015 3 ALFA LAVAL AGRI AB of P.O. Box 39, SE 14721, Tumba, Sweden, a Swedish Company.

RENEWAL FEES PAID

174433 174434 175101 171172 171053 167276 167317 177402
172260 177307 171452 174371 176636 170026 176767 167386
177405 170266 177411 167905 168125 173616 175099 164194
169607 174749 176745 174335 175898 178140 164799 171389
163194 176770 171383 171431 176655 173762 175081 172502
170029 171173 178699 178810 178775 171493 169665 177306
167403 167335 178946 170640 167436 167631 178095 176812
169791 173768 165098 171842 178748 178747 178750 178771
178742 178743 178744 178780 178749 172576 177284 173094
172187 169909 172575 167718 171339 168670 167399 167793
176772 168748 169119 169973 172952 173674 173806 173807
171336 174163 178295 165105 169905 175096 169531 170895
177838 176733 178039 179042 170691 167409 167176 169568
175675 167343 169723 167543 173240 177415 171165 168699
171665 170214 172556 167283 169276 169790 176748 171713
175058 173095 171511 165077 173656 176771 175818 177942
175109 176811 167456 171274 171663 167179 174078
164382 165551 173811 176972 176656 169566 165614 178801
178804 178806 178807 178808 178811 178812 178813 178814
178815 178901 178906 178908 178909 178910 178942 178943
178944 178945 178947 178948 178949 178950 178779
174731 165135 172152 174573 178125.

PATENT SEALED ON 03-07-98

179370*F 179371 179372 179373 179374 179376 179377
179378 179379* 179380 179381 179382 179383* 179384
179385 179386 179387 179389 179390* 179391 179392 179393
179394 179395 179396*D 179397 179399*D 179400*F
179401 179402 179403 179406 179407 179408

179409* 179410 179411 179412* 179413 179415 179416
179417 179418.

CAL - 01, DEL - NIL, MUM - 08, CHEN - 34

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act., 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents.

F Food Patents.

CESSATION OF PATENTS

165751 165764 165893 165936 165941 165942 165943 165944
165948 165953 165968 165983 166001 166003 166066
166067 166101 166112 166153 166156 166161 166175 166237
166261.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entries is the date of registration included in the entries.

Class 1 No. 174510. Mitsuba Corporation, Japanese Company of 2681, Hirosawachi 1-Chome, Kiryu-shi, Gunma-ken, Japan, "Starting Electric Motor for Automobile". August 13, 1997.

Class 3 No. 174507. Kimberly-Clark Worldwide Inc., American Co. of 401, North Lake Street, Neenah, Wisconsin 54956, USA. "Cover for dispenser of wiping products". August 13, 1997.

Class 3 No. 174508. Virgin Vie Ltd., British Co. of Salisbury House, City Fields Business Park, Chichester, West Sussex PO20 6FP, England. "Container for Cosmetics or toiletries". Aug. 13, 1997.

Class 3 No. 174509. Virgin Vie Ltd., British Co. of Salisbury House, City Fields Business Park, Chichester, West Sussex PO20 6FP, England. "Bottle with cap". Aug. 13, 1997.

Class 3 No. 174511. Trisa Burstenfabrik AG Triengen, Swiss Jt. Stock Co. of Kantonsstrasse 6234 Triengen, Switzerland. "Toothbrush". Aug. 13, 1997.

Class 4 No. 174513. Virgin Vie Ltd., British Company of Salisbury House, City Fields Business Park, Chichester, West Sussex PO20 6FP, England. "Bottle with cap". August 13, 1997.

Class 10 No. 174503. Dejem (India) Pvt. Ltd., Indain Co., of A-4/2, Mayapuri, New Delhi-110064, India. "Shoe". August 13, 1997.

Extension of copyright for the 2nd period of five years.

Nos. 166577, 166576 166575, 165369, 169760, 167012, 172763, 172762, 172776, 156544, 172841, 172840, 164626, 156098, 169673, 171388, 170388, 166247, 166246, 166749, 165408, 164628, 160115, 159242, 159243, 159245, 168328, 168329 & 168330. Class 1.

Copyright extended for the 3rd period of five years.

Nos. 165369, 169760 167012, 172763, 176762, 172776, 156544, 172841, 172840 156527, 156905, 156904, 156903, 156528 & 164626. Class 1.

H. D. THAKUR

Controller General of Patents, Designs & T Marks

प्रत्यक्ष, भारत सरकार गणनालय, कस्तीयकाय नगर मन्त्रालय

एवं प्रकाशन नियंत्रक, दिल्ली नगर प्रकाशन 1008

PRINTED BY THE MANAGER, GOVERNMENT OF INDIA PRESS, FARIDABAD,
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1998.